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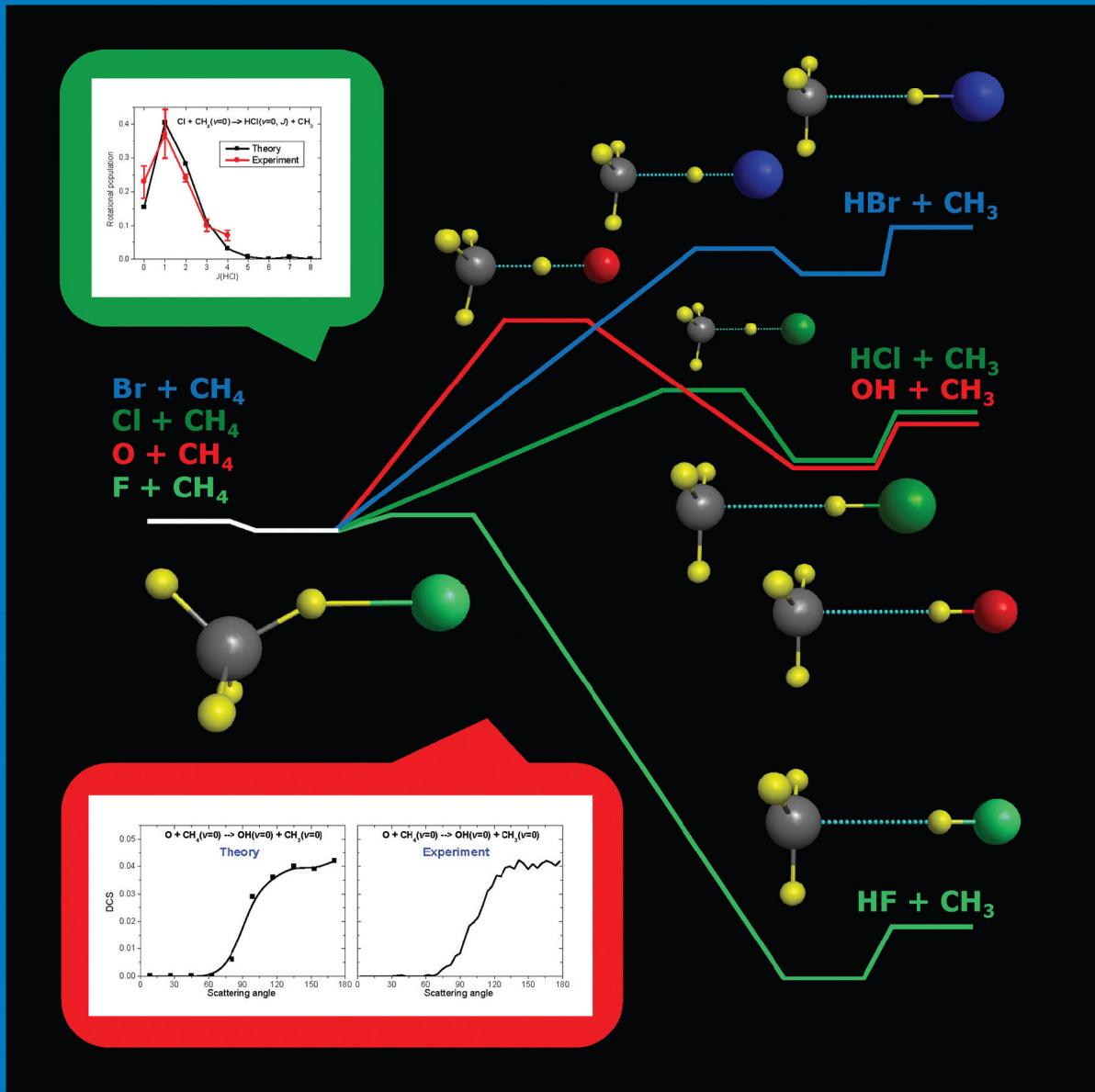
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Schematic of the Energies of Indicated $X + \text{CH}_4$ Reactions from *ab Initio* Potential Surfaces (see page 5A)



ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY,
GEOCHEMISTRY, AND ASTROCHEMISTRY; THEORY



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